

## Connector hood - SACB-C-H180- 4/3- 5,0PUR-M8 - 1516292


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Connector hood, For use in Sensor/actuator box, Connection method: M8 socket Metal, Number of slots: 4, Slot assignment: Single, Status indication: No; Master cable connection: Pluggable screw connection 180°, PUR/PVC, Cable length: 5 m, Shielding: No



### Key commercial data

Packing unit	1 PCE
GTIN	 4 017918 967222
Weight per Piece (excluding packing)	417.1 GRM
Custom tariff number	85444290
Country of origin	Germany

### Technical data

#### General

Rated voltage	120 V
Current carrying capacity per I/O signal	2 A
Total rated current	8 A
Number of slots	4
Sensor/actuator connection system	M8 socket

#### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-30 °C ... 80 °C
	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)

#### Master cable connection data

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## Technical data

### Master cable connection data

Connection method	Pluggable screw connection
Length of cable	5 m
Tightening torque, union nut	2.5 Nm

### Insulation material

Housing material	PBT
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	Gold-plated
Material of the contact carrier on the master cable side	PA

### Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
	2 / 4 (A) = GN
	3 / 4 (A) = YE
	4 / 4 (A) = GY
	1-4 / 1 (+ 24 V) = BN
	1-4 / 3 (0 V) = BU

### Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	PUR
Cable abbreviation	LiYY11Y-HF
UL AWM style	20549
Conductor cross section	4x 0.34 mm <sup>2</sup> (signal line)
	2x 0.75 mm <sup>2</sup> (power line)
AWG signal line	22
AWG power supply	18
Conductor structure signal line	19x 0.15 mm
Conductor structure, voltage supply	42x 0.15 mm
Core diameter including insulation	1.3 mm ±0.1 mm (signal line)
	1.8 mm ±0.1 mm (power line)
Thickness, insulation	≥ 0.15 mm (Inner sheath)
	≥ 0.38 mm (Outer cable sheath)
Overall twist	Wires twisted in layers
External sheath, color	Black RAL 9005
External cable diameter D	6.8 mm ± 0.2 mm
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	10 x D
Number of bending cycles	1500000

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## Technical data

### Cable

Bending radius	68 mm
Traversing path	2 m
Traversing rate	2 m/s
Cable weight	71.7 kg/km
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	300 V
Test voltage, cable	2000 V
Special properties	Silicone-free
Flame resistance	DIN EN 50265
Resistance to oil	As per VDE 0472 Part 803
Other resistance	Highly resistant to acids, alkaline solutions and solvents
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

## Classifications

### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

### ETIM

ETIM 2.0	EC000200
ETIM 3.0	EC001856
ETIM 4.0	EC002585
ETIM 5.0	EC001855

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501

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## Classifications

### UNSPSC

UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

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### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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### Ex Approvals

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### Approvals submitted

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## Approval details

UL Recognized	
Nominal voltage UN	24 V

cUL Recognized	
Nominal voltage UN	24 V

GOST	
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cULus Recognized	
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### Accessories

#### Accessories

#### Cable by the meter

Master cable ring - SACB- 4X0,34/2X0,75-50 PUR - 1517576



Master cable for sensor/actuator boxes, without PE conductor, unshielded, material PUR/PVC, 6-pos., 4 x 0.34 mm<sup>2</sup> and 2 x 0.75 mm<sup>2</sup>, length: 50 m

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### Header with metric measurement slots

Sensor/actuator box header - SACB- 4/3-L-C-M8 GG - 1516250



Sensor/actuator box header, Connection method: M8 socket Metal, Number of slots: 4, Number of positions: 3, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No

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### Labeled terminal marker

Zack Marker strip, flat - ZBF10 CUS - 0825031



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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### Screwdriver tools

Philips screwdriver - SZK PZ2 VDE - 1206463



Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip

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### Accessories

Tool - SAC BIT HOOD-W 24 - 1212486



Nut for assembling pressure nuts with 24 mm wrench size, for 4 mm hexagonal drive

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Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

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### Terminal marking

Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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### Torque tool

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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Torque screwdriver - TSD 25 SAC - 1212315



Torque screwdriver, with preset torque of 2.5 Nm and 4 mm hexagonal drive for the pressure nut of the connector hood

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### Accessories

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Torque screwdriver - TSD-M 3NM - 1212225

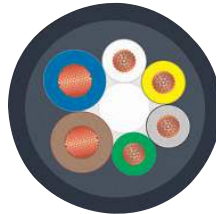


Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 1.2 - 3 Nm

### Drawings

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Cable cross section



PUR/PVC black [PUR]